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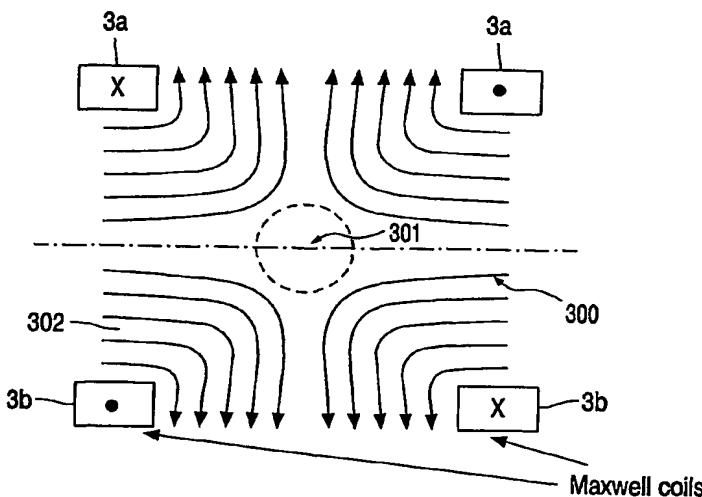
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(54) Title: ARRANGEMENT FOR INFLUENCING MAGNETIC PARTICLES



(57) Abstract: The invention relates to an arrangement for influencing magnetic particles in a region of action. With the help of an arrangement that has means for generating magnetic fields, there is generated in this case a spatially inhomogeneous magnetic field having at least one zone (301) in which the magnetization of the particles is in a state of non-saturation, whereas it is in a state of saturation in the remaining zone. By moving the said zone within the region of action, a change in magnetization is produced that can be detected from outside in a first mode of operation and gives information on the spatial distribution of the magnetic particles in the region of action. In a second mode of operation, the movement is repeated so frequently that the region of action heats up.